

Program

2000

WARF
tech

An OS/2 Warp
technical conference

Special thanks

To WarpTech 2000's volunteers



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- Robert (Rosey) Rosenwald
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- Tracy Sparmer
- Robert (Bob) Stark
- William (Bill) Teags
- Julian Thomas
- Matthew J (Matt) Walsh
- Steve Wright

Welcome to WarpTech 2000

Welcome to WarpTech 2000, the Phoenix OS/2 Society's three-day technical OS/2 conference for OS/2 users, developers, and vendors. We've done our best to pack all three days with information, camaraderie, and fun.

WarpTech 2000 is organized and run entirely on volunteer effort. Please take a moment during the day to thank a speaker or a volunteer. Both are donating their time and energy to help make WarpTech an informative and well-run conference.

And *thank you* for participating in WarpTech 2000!

Silent auction

There is a silent auction for two OS/2 preloaded machines supplied by Indelible Blue. Ask at the registration desk for details on bidding.

Door prizes

Door prizes have been donated by vendors and speakers. The door prize drawings take place at the daily luncheon. You must be present to win.

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WarpTech is an OS/2 technical conference conceived and produced by the Phoenix OS/2 Society, Inc.

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Session Schedule

Friday, May 26

8:30am
Aztec A
intermediate

POTS to T3: Understanding Bandwidth
Stephen Satchell

Learn about the transition from POTS to broadband, and the gotchas that plague the individual, the SOHO, the telecommuter, and the startup company. What is the cost, what is the exposure, what is the downside risk to broadband? (And how can you recycle all those old 486 boxes you have gathering dust in the closet?)

8:30am
Aztec B
advanced

Remote-booting Alien Operating Systems from OS/2
Micho Durdevich (Institute of Mathematics of National Autonomous University of Mexico)

Even if you need to run Windows workstations, you may be able to take advantage of a managed-client technology. In this session, you'll learn about the issues involved with remote-booting Windows 9x/NT (sometimes called RIPL) from OS/2 Warp Server for e-Business, and how to cope with the technical challenges. Kim Cheung will assist.

8:30am
Aztec C
advanced

High Availability with Warp Server: Part 1
Oliver Mark (IBM Corp)

Part 1: Technical Architecture. This completely rewritten software protects your mission critical OS/2 server from ever being unavailable. A two node active server cluster lets both machines protect one another, while carrying workload during normal operation.

8:30am
RexxLA
intermediate

Everything You Want to Know About the Rexx Parse Instruction
Chip Davis

A brief overview of the Parse command will be provided. More advanced topics related to Parse will be discussed including advanced Parse techniques and common pitfalls when using Parse.

10:15am
Aztec A
intermediate

The OS/2 Programming Model
Scott Garfinkle (IBM Corp)

OS/2 programmers will learn how to write for the operating system, especially non-PM issues. We'll pay particular attention to multitasking and memory management issues. This session assumes general programming knowledge. Advanced topics will be discussed as time permits.

10:15am
Aztec B
beginner

So You Think You're Safe?

Markus Montkowski (Norman Data Defense Systems)

You'll hear a short history of computer viruses, where this "technology" is heading, and how this has—or will—affect OS/2 users. You'll also learn how, with OS/2's built-in security (SES), you can defend a computer system.

10:15am
Aztec C
advanced

High Availability with Warp Server: Part 2

Oliver Mark (IBM Corp), Alfonso Rodriguez (Legato)

Part 2: Hands-on learning session.

10:15am
RexxLA
intermediate

The New NetRexx Interpreter Implementation

Mike Cowlshaw (IBM Corp)

NetRexx, the Rexx language for the Java platform, was designed for interpretation as well as compilation. With recent enhancements to the Java API, it has been possible to complete the implementation of the NetRexx translator-interpreter, which can now be used to create compiled class files, interpret NetRexx source programs directly, or both. This talk will briefly review the features of the NetRexx language and will then describe in detail the implementation of the interpreter, including the overall design, information on how to use it, and the difficulties that had to be overcome to complete the implementation.

12:00pm
Sachem
all

Luncheon

Food, announcements, and door prizes

1:30pm
Aztec A
intermediate

Playing Well With Others: OS/2 and Windows NT Interoperability

Chris Miller

If you've tried to make OS/2 computers interoperate with Windows NT, you've discovered that it can be a complex job. In this session, you'll learn how to make the two operating systems work well together.

1:30pm
Aztec B
intermediate

Mesa 2's Real-Time Feed

Rollin White (Sundial Systems Corporation)

Mesa 2 has the unique ability to both access and process real-time data feeds. This easy-to-use feature can provide data such as live stock quotes to your spreadsheets. In this session we'll look at several examples that combine Mesa's REXX macro capabilities with its real-time feed feature to build real world solutions.

1:30pm
Aztec C
intermediate

Turning Tricks with VisPro/Rexx

Wayne Swanson (PillarSoft)

Just because some functions aren't supplied or obvious in VisPro REXX doesn't mean they can't be accomplished. All it takes is a little imagination and a bit of ingenuity. We'll discover how to create a toolbar with roll-over buttons, add bubble help, and build a roll-your-own global directory container, all with the help of one of the best kept secrets in programming: the Rexx stem. If time permits, we will explore how to enable your program for a REXX based plug-in.

2:45pm
Aztec A
advanced

Problem Determination Tools in OS/2

Scott Garfinkle (IBM Corp)

OS/2 programmers will learn about the recently enhanced system trace, process dump, and customizable dynamic trace facilities. SMP issues are given special attention.

2:45pm
Aztec B
beginner

Thinking Relationally

Randell Flint (Sundial Systems Corporation)

Efficient databases don't just happen. You need to learn how to think about the problem "relationally"—how to best capture your data and express it in the proper relational manner. This session will cover both database theory and practices, giving you the technical underpinnings to take advantage of whatever database you rely on.

2:45pm
Aztec C
all

Making Sense of IBM's Fixpack Policies

Irv Spalten (IBM Corp), John Williams

Convenience packs, refresh strategies, passport advantage and subscriptions—how do you make sense of all this? Learn how IBM goes about deciding what's in fixpacks and how they get them to you.

2:45pm
RexxLA
beginner

Extending the Workplace Shell with Object REXX

Dr Rony G Flatscher (Vienna University)

In this session, we will create a password protected WPS-folder using Object REXX, while we explain the installed Object REXX support for the WPS. We will also demonstrate how you can deduce new animals from those pre-created by C programs (specializing SOM-classes with Object REXX).

4:30pm
Aztec A
intermediate

Managing a Server-Based Environment

Andrew Pawlowski (IBM Corp)

See how IBM's server managed solutions can help you accelerate client deployments, ensure client standardization and security, and protect current hardware and software investments while moving to Web-based solutions.

4:30pm
Aztec B
all

OS/2 in Embedded Systems

Achim Hasenmüller

OS/2 is proving its strengths on more than the corporate desktop and server. Embedded OS/2 is found on a broad variety of devices, ranging from control systems in nuclear power plants to multimedia set-top boxes. This presentation compares popular embedded operating systems and shows how OS/2 competes with the market leaders. You will see a popular European set-top box running Embedded OS/2, incorporating some unique and amazing technologies.

4:30pm
Aztec C
intermediate

A Technical Intro to XML

William F Schindler

XML's the latest buzzword, used everywhere from e-commerce to database management. What's it all about and how can you take advantage of XML? This session will introduce you to the concepts, terms, and uses of XML.

6:30pm

Hosted Dine-outs

all

POSSI members will post sign-up sheets so that attendees can join them at area restaurants. (You pay your own way.) See the sign-up materials at the WarpTech registration booth.

7:30pm
Aztec A
all

Birds of a Feather 1: Meeting OS/2 Communities

Communities have held OS/2 users together. If you're part of an OS/2 user group, participating in an OS/2 open source project, or involved in any other gathering of OS/2 users, stop by and compare notes with people in like circumstances.

7:30pm
Aztec B
all

Birds of a Feather 2

Talk with other OS/2 users about a topic not on the schedule.

7:30pm
Aztec C
all

Fold, Staple, and Mutilate

Ordinarily, the Phoenix OS/2 Society board meetings are held on the last weekend of the month, and then we work together to get extended attributes, the user group's magazine, ready to mail. This is your opportunity to participate in the "business" of the user group, to meet the organization's officers, and to smack labels on magazines.

Saturday, May 27

8:30am
Sachem
all

Application Framework for e-business Roadmap

Steven King (IBM Corp)

IBM has endorsed the strengths and benefits of Internet technologies and platform independence for several years, and has encouraged customers worldwide to make the transition to network computing. To facilitate the transition, IBM has enhanced OS/2 to become an excellent platform for the deployment of e-business applications, while preserving investments in legacy applications. Come find out what is happening in the OS/2

development world in upcoming releases, what enhancements are being made, and for how long.

10:15am
Aztec A
beginner

Developing Applications with VisualAge Tools

Jerry Stuckle

IBM's VisualAge C++ and VisualAge Java pack a lot of power, but beginners can be overwhelmed. In this session, you'll find out how to take advantage of the visual tools to create a calculator.

10:15am
Aztec B
beginner

Cool Things You Can Do with Lotus 1-2-3 and Smart-Suite for OS/2

Daniel Collins (Lotus Development Corporation), Matthew Messier (Lotus Development Corporation)

Prepare to say, "Oh, neat! I didn't know I could do that!" several times during this presentation.

10:15am
Aztec C
advanced

Demystifying CID

Rafal R Szymczak (Discover Card)

IBM's CID process (Configuration, Installation, Distribution) is used to build client and server machines in a network. However, CID is a bit arcane and it's hard to make it work well. Learn tips and tricks for a painless CID process: boot disk creation, front end, response files, post-installation customization, installation of non CID-enabled applications, and more.

12:00pm
Sachem
all

Luncheon

Food, announcements, and door prizes

1:30pm
Aztec A
beginner

Introduction to Object Rexx

Dr Rony G Flatscher (Vienna University)

Most OS/2 users don't realize that they have Object Rexx on their computers, much less how they can benefit from it. This session will introduce you to Object Rexx—and to object oriented programming concepts, along the way.

1:30pm
Aztec B
all

Shareware Success

David Hamel (Boxer Software)

Some OS/2 shareware authors manage to make a living from selling their applications and utilities. Others are happy to buy a new PC every year from the proceeds. Learn the secrets of successful shareware businesses—and where your opportunities may lie.

1:30pm
Aztec C
intermediate

The OS/2-Linux Road Map

Michael Persell (IBM Corp)

Are you running Linux as well as OS/2—or thinking about it? This session tells you what you need to connect your Linux and OS/2 systems, and how to make them work together.

2:45pm
Aztec A
intermediate

The Small Business OS/2 Survival Guide

Daryl Pilkington

Setting-up a business computer system requires some thought and planning. You need a strategic IT plan as a framework, before you bolt-on appropriate technology for the tasks required. We'll discuss basic IT management principles and demonstrate how to apply these principles using OS/2, Windows, and DOS. Two case studies will be presented: Laucke Feed Mills, Smart Road Specialist Centre, two South Australian businesses who rely on world-class OS/2 Warp computer systems.

2:45pm
Aztec B
advanced

Take a Message: Interaction Among PM Applications and The Single Input Queue

Jeffrey Kobal (IBM Corp)

This session covers everything from “What is a Message?” to a high-level description of how event semaphores and protected structures work together to make Presentation Manager do what it does.

2:45pm
Aztec C
advanced

Getting OS/2 Warp Server Past Impulse Power

Michael Persell (IBM Corp)

Learn how to tune OS/2 Warp Server for optimal performance.

4:30pm
Sachem
all

Warped Jeopardy

Sundial Systems Corporation

Warped Jeopardy! is an exciting live game show of “answers” with an OS/2 theme. It features both celebrity players and audience participation, and is lots of fun.

6:15pm
all

SCOUG Rodeo at Rawhide Western Town

Southern California OS/2 User Group

The Southern California OS/2 User Group has a special event planned at the Rawhide Western Town and Rodeo. At 6:15pm, join the rowdy WarpTech gang for a trip to a Wild West Rodeo at Rawhide Western Town. You'll be transported into a timeless, lawless, computerless era of gunfights, bronc riding, steer wrestling, calf and team roping, barrel racing, plus the antics of the Wild West Rodeo Clown. A real western dinner from the chuck wagon will be yours, complete with Bar-B-Que Sandwich, salty chips and the “hardest” soft drink of your choice. There's western shopping too. The bus will have you back at the Wigwam at 11:00pm. Priced separately at \$20 for the evening, including dinner and transportation. Your advance sign up is needed now. Click on over to the SCOUG

Rodeo sign-up Web page: www.scoug.com/rodeo.html. Sign up yourself and any guests. Count on the wildest time in the old West that you can imagine.

Sunday, May 28

8:30am
Aztec A
all

Marketing Your Web Site—and Measuring the Results

Dave Beresic

To make your e-business site a success, you need to do more than post some HTML and hope that the search engines discover it. But how can you use search engines to best effect? And how do you learn if they're generating the results you wanted? In this moderated discussion, you'll get a broad overview of the current state of search engines and useful resources to explore further.

8:30am
Aztec B
intermediate

Selling OS/2 Solutions—One Copy at a Time

Kimwai Cheung (Touchvoice Corp)

How do you sell an OS/2-based vertical application in the world of Windows? Learn from someone who is succeeding at the task.

8:30am
Aztec C
beginner

Designing a Home Network

David Azarewicz (Delta Systems Engineering)

Sneakernet is no longer enough. In this session, you'll learn how to plan and deploy your own network using OS/2, including sharing Internet access with family members.

10:15am
Aztec A
intermediate

Introduction to XSL

William F Schindler

Learn how to transform XML data into HTML and other formats using XSL transforms.

10:15am
Aztec B
intermediate

Making the Most of Mesa 2

Rollin White (Sundial Systems Corporation)

Mesa 2 is such a feature rich spreadsheet that many of its powerful tools are often overlooked. For one, Mesa goes further than traditional spreadsheets with its use of REXX and MScripts for speeding operations. For another, SmartFill, SmartFormulas, and advanced cell formatting can accomplish in a couple clicks what would otherwise take a lot more time. In this session we'll focus on easy ways to make your day-to-day work more productive.

10:15am
Aztec C
all

Running Win32 Applications on OS/2: the Odin project

Patrick Haller, Achim Hasenmüller

OS/2 was "the integration platform" before IBM decided it wouldn't support Windows 95 applications. The Odin project, started in 1997, aims to fill this gap. Odin has advanced to a point where it is becoming very useful. This presentation gives an over-

view of the Odin project, its architecture, its strategy for now and the future—and an amazing demonstration of what the technology is already doing for home users and enterprises.

12:00pm
Sachem
all

Luncheon

Food, announcements, and door prizes

1:30pm
Aztec B
beginner

The Basics of Java Applets

Jerry Stuckle

Java applets provide a full-blown cross-platform cross-network application capability. Learn how to create applets and put them to use.

1:30pm
Aztec C
intermediate

Connecting Databases To Java Applications

Kevin E Peterson (Data Representations)

Learn how to build a Java application that interfaces with an external database.

2:45pm
Aztec A
all

Stump the Experts

Duane Chamblee (Indelible Blue, Inc), Steven Levine, Daryl Pilkington

A live OS/2 help desk! Our panel will do its best to solve your problems.

2:45pm
Aztec B
intermediate

Servlets With A Smile

Jerry Stuckle

Using Java servlets can extend the capabilities of your Web site. In this session, you'll learn how they work, and generate a simple servlet.

2:45pm
Aztec C
intermediate

Developing Computer Telephony Applications in OS/2

Kimwai Cheung (Touchvoice Corp)

CTI (Computer Telephony Integration) is an exciting, high margin, vertical market. Each job is a custom application with significant services dollars. Customers need a reliable, responsive, multi-tasking system. Windows is not an issue because these are not "desktop" users; the operating system is simply the platform for the CTI application. CTI is an area where OS/2 is an advantage. In this session, consultants, VARs, and developers can learn how CTI development works, and how to participate in this growing segment of the industry.

4:30pm
Aztec
all

Closing Session

See Captain Craig's amazing disappearing act.

WarpTech Speakers

Sundial Systems Corporation

- Warped Jeopardy (Saturday 4:30pm)

Southern California OS/2 User Group

- SCOUG Rodeo at Rawhide Western Town (Saturday 6:15pm)

David Azarewicz

Delta Systems Engineering

David Azarewicz has been working in the computer industry for more than 20 years. He holds degrees in both electrical engineering and computer science. He spent several years designing network hardware and configuring networks for various companies including Artisoft and Integrated Networks. David now owns his own engineering consulting business, called Delta Systems Engineering.

- Designing a Home Network (Sunday 8:30am)

Dave Beresic

Dave Beresic started Web development in 1994, working on government sites and a real estate directory, back when people thought the Internet should be free. In 1997, he briefly thought it would be easier to have his own ISP, and fortunately sold that business the next year. Today, he does aggressive e-commerce, working in the competitive fields of merchant accounts and Viagra.

- Marketing Your Web Site—and Measuring the Results (Sunday 8:30am)

Duane Chamblee

Indelible Blue, Inc

Duane A. Chamblee is the resident geek-on-the-ground for Indelible Blue, Inc. Dead printers, bad network cables and various “moving parts” problems keep him busy during the day. At night, he installs OS/2 and too many fixpacks to count, while testing the WarpUP CD. The rest of Duane’s time is spent fixing up his Money Pit and sometimes, sleeping.

- Stump the Experts (Sunday 2:45pm)

Kimwai (Kim) Cheung

Touchvoice Corp

Kim Cheung is a retired power system engineering consultant. He offered to speak about his favorite topic, “dynamic analysis of modern power systems” and “machine equations,” but the program chair said NO! Then, he offered to talk about his satellite gateway program, which handles upwards of several hundred T1 lines. Or his interactive voice response (IVR) program, whereby you can call a toll free number, press a key, and the person sitting next to you in the car will get ejected. But the program chair said NO! She decided that Kim should talk about selling OS/2 based vertical applications to a market full of Windows machines. But he still wants to talk about machine equations.... (Of course, Kim also knows how to boot OS/2 in less than 25 seconds with a new machine.)

- Selling OS/2 Solutions—One Copy at a Time (Sunday 8:30am)
- Developing Computer Telephony Applications in OS/2 (Sunday 2:45pm)

Daniel (Dan) Collins

Lotus Development Corporation

Dan Collins is a Product Manager for SmartSuite, and 1-2-3 at the Lotus Development Company. Dan has been as both a Product Manager and Support guru at Lotus since 1993. When not working with 1-2-3 or Suite, he spends time with 4 daughters and one son.

- Cool Things You Can Do with Lotus 1-2-3 and SmartSuite for OS/2 (Saturday 10:15am)

Mike Cowlshaw

IBM Corp

Mike Cowlshaw, IBM Fellow, is the creator of the Rexx and NetRexx languages, and ported the Java Virtual Machine to OS/2 in 1995. He has long been interested in the human aspects of computing, working on the design and implementation of languages, editors, image and text processing systems, and arithmetic.

His current technical interests include the World Wide Web, information retrieval, NetRexx and related languages, decimal arithmetic, and evolutionary systems.

Mike is a Fellow of the Royal Academy of Engineering and a Visiting Professor in the Department of Computer Science at the University of Warwick, UK.

- The New NetRexx Interpreter Implementation (Friday 10:15am)

Chip Davis

- Everything You Want to Know About the Rexx Parse Instruction (Friday 8:30am)

Micho Durdevich

Institute of Mathematics of National Autonomous University of Mexico

Micho Durdevich www.matem.unam.mx/~micho is a research professor at the Institute of Mathematics of National Autonomous University of Mexico. He has been extensively investigating the remote booting of diskless Windows workstations from OS/2 Warp Server. Micho has developed new mathematical methods for studying physical space-time at the level of exorbitantly small distances, where quantum fluctuations of geometry take over. He hopes, however, to show up at WarpTech in a non quantum-fluctuating form!

- Remote-booting Alien Operating Systems from OS/2 (Friday 8:30am)

Dr Rony G Flatscher

Vienna University

Rony G. Flatscher was a co-founder of the OS/2 Forum Austria and served as its president for many years. He is a professor in the IS department of the Vienna University of Economics and Business Administration ("Wirtschaftsuniversitaet Wien", www.wu.edu), with over 22,000 enrolled students. He has been giving a lecture "Introduction to Procedural and Object-oriented Programming (Object Rexx)"

since the summer semester of 1999 and is very happy about this simple to learn, yet powerful programming language which facilitates the teaching of Business Administration students the OO paradigm. Dr Flatscher wrote various REXX and Object REXX packages, like `datergf` (date arithmetics), `cronrgf` (unix-like cron with a nifty GUI interface; starts program at given date/time-patterns), `orx7` (program to analyze Object REXX programs) and `orx8` (Object REXX utility classes and routines), available from Hobbes.

- Extending the Workplace Shell with Object REXX (Friday 2:45pm)
- Introduction to Object REXX (Saturday 1:30pm)

Randell Flint

Sundial Systems Corporation

Dr. Randell S. Flint is president of Sundial Systems Corporation, the home of DBExpert and numerous other OS/2 productivity applications. Prior to founding Sundial Systems, he was deeply involved in the theory and practice of relational database modeling both as part of his dissertation research and as a reviewer of Chris Date's classic text, *An Introduction To Database Systems*. He also acted as system architect for a database server start-up firm, and, at one time, was an assistant professor of computer science.

- Thinking Relationally (Friday 2:45pm)

Scott Garfinkle

IBM Corp

Scott Garfinkle is the lead programmer for the OS/2 Change Team. He has worked in OS/2 service and development since leaving Ingres in 1992, where he ported the Ingres Relational Database to OS/2 2.0.

- The OS/2 Programming Model (Friday 10:15am)
- Problem Determination Tools in OS/2 (Friday 2:45pm)

Patrick Haller

- Running Win32 Applications on OS/2: the Odin project (Sunday 10:15am)

David (Dave) Hamel

Boxer Software

David Hamel is developer and publisher of the Boxer Text Editors, a line of full-featured text editors for Windows, OS/2, DOS and Extended DOS. David left the "security" of conventional employment in 1991 and has distributed his text editors in the shareware marketplace ever since. The years, the Boxer Text Editors have been recognized with awards from numerous magazines, Web sites, user groups, and industry organizations. Boxer Software enjoys support from customers in 50 U.S. states, 60 countries, and dozens of Fortune 500 companies. The company is based in Scottsdale, AZ. Its Web site is located at www.texteditors.com.

- Shareware Success (Saturday 1:30pm)

Achim Hasenmüller

Achim Hasenmüller works at InnoTek in Stuttgart, Germany as a consultant for software development and e-business technologies. As an OS/2 lover since 1991, he has built a great expertise in OS/2 devel-

opment and is working on many exciting OS/2 projects, such as the recently released Flash plugin for OS/2 by InnoTek.

- OS/2 in Embedded Systems (Friday 4:30pm)
- Running Win32 Applications on OS/2: the Odin project (Sunday 10:15am)

Steven King

IBM Corp

Steven King is the manager of the e-business Operating Systems Solutions (e-boss) services area. He has been in a variety of OS/2 Development management positions including LAN Server 4, Warp Connect, Warp Server, Warp Server SMP, and Warp Server for e-business. In this role, Steven managed the overall programming, system development, and project management for the releases. He has been working in the OS/2 area since 9/87 (yes, 13 years now). Steven enjoys working with OS/2 customers and is currently providing a combination of development and onsite services. He is considered a fairly good guy... and his claim to fame in the OS/2 user community is receiving some wonderful chocolate candies from Esther Schindler at a Warpstock event!

- Application Framework for e-business Roadmap (Saturday 8:30am)

Jeffrey (Jeff) Kobal

IBM Corp

Jeffrey S. Kobal is a software engineer for the OS/2 and Java area of the Software Group division of the IBM Corporation, where he has been a developer on OS/2 for PowerPC, OS/2 Warp 4, and Open32 for Smartsuite '97, and is currently a technical lead for OS/2 browser development after working on both the 4.04 and 4.61 versions of Netscape Communicator for OS/2. Jeff has had his hands in Presentation Manager source code since 1993, and is currently in charge of all Presentation Manager development, as well as many other components of the OS/2 product.

- Take a Message: Interaction Among PM Applications and The Single Input Queue (Saturday 2:45pm)

Steven Levine

- Stump the Experts (Sunday 2:45pm)

Oliver Mark

IBM Corp

Oliver Mark has been a Consultant in the OS/2 large customer arena at IBM Global Services Germany for more than 10 years. He works closely with TeamOS/2 in Germany and international areas.

- High Availability with Warp Server: Part 1 (Friday 8:30am)
- High Availability with Warp Server: Part 2 (Friday 10:15am)

Matthew (Matt) Messier

Lotus Development Corporation

Matt Messier is the lead software engineer for Lotus 1-2-3 for OS/2 Warp 4. He has worked on OS/2 SmartSuite with Lotus since early 1996, first on Freelance Graphics, and later joined the 1-2-3 develop-

ment team in mid-1997. He has had a hand in porting other SmartSuite components, as well as development of Open32. Matt presently works off-site from his home in Cedar Rapids, Iowa.

- Cool Things You Can Do with Lotus 1-2-3 and SmartSuite for OS/2 (Saturday 10:15am)

Chris Miller

- Playing Well With Others: OS/2 and Windows NT Interoperability (Friday 1:30pm)

Markus (Hugh) Montkowski

Norman Data Defense Systems

Markus Montkowski has a degree in electrical engineering. He works at Norman Data Defense Systems in Germany as a developer in the security branch responsible for authentication devices. In his free time, he contributes his programming skills towards OS/2 with a main focus on Odin and USB devices.

- So You Think You're Safe? (Friday 10:15am)

Andrew (Andy) Pawlowski

IBM Corp

Andy Pawlowski, an IBM Consulting Sales Specialist, works with IBM customers on migrating to a network computing environment. He spent several years as a member of the Austin International Executive Briefing Center in a similar role. Andy has worked with customers throughout his IBM career. His marketing support experience includes world-wide participation in customer calls and giving presentations and product demonstrations at business shows, sales rallies, national user group forums, and other technical conferences.

- Managing a Server-Based Environment (Friday 4:30pm)

Michael (Mike) Persell

IBM Corp

Mike Persell started his Warped adventures while shedding his Concurrent DOS days in 1990. Starting with OS/2 2.0, then still in beta, he began the trek that led him to various IBM Sales and Support positions. Today, he continues to sell and support OS/2 products and evangelize via usenet and IRC.

- The OS/2-Linux Road Map (Saturday 1:30pm)
- Getting OS/2 Warp Server Past Impulse Power (Saturday 2:45pm)

Kevin E Peterson

Data Representations

- Connecting Databases To Java Applications (Sunday 1:30pm)

Daryl Pilkington

Daryl Pilkington specializes in small-business computer systems using OS/2 Warp Server, Redhat Linux, Lotus Domino, and IBM DB2. Professionally trained as an Electrical/Electronic Engineer, his laid-back systems approach endears him to end-users, who say "You explain things in terms we understand." He has worked for IBM Global Systems Australia on a mission-critical Warp Server/DB2 sys-

tem. When he isn't typing away on his laptop, Tabitha, Daryl likes foreign movies, good company, wine, and food. Daryl can be contacted at daryl@pc-therapist.com.au.

- The Small Business OS/2 Survival Guide (Saturday 2:45pm)
- Stump the Experts (Sunday 2:45pm)

Alfonso (Fonz) Rodriguez

Legato

- High Availability with Warp Server: Part 2 (Friday 10:15am)

Stephen Satchell

Stephen Satchell is busily writing books on Linux and Linux-related topics, building DSL labs for industry, and running a translation agency part-time. He's also working on some neat new software products, running a town square on the Web, and working on Internet security issues, such as ways to block denial of service in the face of growing nastiness. In his spare time, Satch is trying to keep a 1989 Jeep running.

- POTS to T3: Understanding Bandwidth (Friday 8:30am)

William F (Bill) Schindler

Bill is the author of *Down to Earth REXX* and a founding member of the Phoenix OS/2 Society. He is the Editor-in-Chief of *extended attributes* magazine. Bill has been exploring XML and XSL for the past year and has contributed code to the Apache XML Xerces-C project.

- A Technical Intro to XML (Friday 4:30pm)
- Introduction to XSL (Sunday 10:15am)

Irv Spalten

IBM Corp

Irv Spalten is a software engineer in the OS/2 area of the Software Group division of the IBM Corporation, where he has been working in OS/2 since 1.0 and held many positions within OS/2 including developer, build lead, release management, and most recently working in Service and Support. Within Service and Support he has worked as the lead in the on-line BBS area and was the primary Sysop on the OS/2 CompuServe forums and the IBM TalkLink areas. Presently Irv works in the FixPak Packaging and Release area and is the owner of the FixTool.

- Making Sense of IBM's Fixpack Policies (Friday 2:45pm)

Jerry Stuckle

Jerry Stuckle has been a technology consultant and trainer for ten years, doing programming, object oriented analysis and design, and project management for Fortune 1000 customers. Jerry has programmed for 33 years, is a Sun certified Java programmer, and holds two IBM certifications in VA Java and VA C++ programming. IBM also named him an OS/2 Advisor on CompuServe, where Jerry is also a sysop on the IBM Forum and the Developer Applications forum.

- Developing Applications with VisualAge Tools (Saturday 10:15am)
- The Basics of Java Applets (Sunday 1:30pm)

- Servlets With A Smile (Sunday 2:45pm)

Wayne Swanson

PillarSoft

Wayne is a software developer for PillarSoft, with much experience using REXX and the VisPro/Rexx development environment. Under the auspices of PillarSoft he hosts a Web site for the advancement of the Rexx language. He is active in the OS/2 online community, and serves as vice president of VOICE International. At one point, he took up bowling, until he realized that his wife conceived every bowling season. After the third child was born, he decided to give it up.

- Turning Tricks with VisPro/Rexx (Friday 1:30pm)

Rafal R Szymczak

Discover Card

Rafal Szymczak is Technical Specialist for Discover Financial Services, Inc. (a.k.a. Discover Card), providing third level support and high level network administration and design. Rafal is in charge of CID development and maintenance, server and workstation configuration, antivirus policies, REXX scripting—and even more *after* lunch. Rafal, who has worked in development and support positions for IBM and Kemper Insurance, has an MS degree in Computer Science from DePaul University in Chicago, IL.

- Demystifying CID (Saturday 10:15am)

Rollin White

Sundial Systems Corporation

Rollin White has long been associated with OS/2. From the BBS he started while in high school, to leading several OS/2 SIGs, founding and leading the Southern California OS/2 User Group, Team OS/2 events, Warpstock, and Warp Expo West—Rollin is an ever-active voice for the advantages of OS/2. He is also Vice President of Sundial Systems Corporation, and in that capacity is presenting two sessions at WarpTech on special features of Mesa 2. You'll also find him behind the scenes at Warped Jeopardy! running the operations.

- Mesa 2's Real-Time Feed (Friday 1:30pm)
- Making the Most of Mesa 2 (Sunday 10:15am)

Exhibitors

Perfect Niche Software

www.perfectniche.com

Perfect Niche Software is the publisher of *Smack!*, the first labeling program for OS/2, and *Down To Earth REXX*. Located in Scottsdale, Arizona, Perfect Niche Software president and CEO Robert “Rosey” Rosenwald has been an OS/2 aficionado for many years and is a founding member of the Phoenix OS/2 Society.

Data Representations

www.datarepresentations.com

The Simplicity Professional™ Advantage

SPEED. Simplicity Professional™ is designed to save you time. To let you build applications faster than you ever could before. That’s why we’ve designed a development environment that takes the most tedious, code-intensive, error-prone activities, and makes them simple and fast.

EASE OF USE. Programmers who are new to Java become immediately productive with Simplicity Professional. Using the Composer and Code Sourcerer™, even the novice programmer can build robust applications for the desktop and applets for the web.

POWER. Simplicity Professional has features to keep even the most power-hungry developer happy. The Servlet Composer lets you build Server-side Java applications to create dynamic web sites and network services. Database tools make quick work of connecting your applications to a database. Finally, cross-platform testing features make sure your programs truly run everywhere.

RUNS EVERYWHERE. Simplicity Professional is written in 100% Pure Java™ and runs on most operating systems including OS/2 Warp, Linux, SCO UnixWare, AIX, AS400, HP-UX, Macintosh, and Windows 95/98/NT/2000. Development teams can now use different types of computers and still be able to work as a team, using the same tool. The applications that Simplicity Professional creates are also pure Java, and will run on all platforms as well.

TRY IT OUT FOR YOURSELF. A tryout version of Simplicity Professional is available for download from our web site. The tryout includes several tutorials which will each guide you through building a complete application. You can find us on the web at www.datarepresentations.com.

Sundial Systems Corp

www.sundialsystems.com

When it comes to OS/2, no company knows it better than Sundial Systems. We’ve worked with OS/2 since the beginning, keeping pace with its innovations every step of the way.

- JunkSpy is the latest addition to Sundial’s growing family of products and provides automatic identification and filtering of junk email as it arrives at your PC—backed by automatic updates from the Junk-Spy Research Center at Sundial.
- Relish is the company’s flagship application, providing time and information management for both individuals and workgroups.
- Clearlook is the word processor that’s fast, flexible and easy to use.
- DBExpert is the multifaceted relational database and application builder for use alone or with other databases.

- Mesa 2 is the full-featured spreadsheet that rivals the competition, regardless of platform.
 - And the Rover Pack gives you new ways to navigate, group, and use the objects on your OS/2 desktop.
- All together, a hefty offering of OS/2 applications!

Mesa 2, and the new features of Version 2.3, will be the feature of two different sessions at WarpTech. And our Thinking Relationally session will help you design better databases regardless of what relational database product you may be using.

Sundial will also be demonstrating all of its productivity applications at our exhibit booth. Check for our schedule of “mini-presentations” or stop by for a personal demonstration. Even if you’re already using our products, we’d be happy to show you how you can use more of their powerful features and functions.

And don’t forget Warped Jeopardy at WarpTech! This third rendition of Sundial’s popular OS/2 game show is an event not to be missed... with plenty of audience participation, prizes, and other giveaways!

So when it comes to OS/2 products, OS/2 game shows, and even your OS/2 service needs... just remember that Sundial has the answers!

And, for more information, or to download demo versions of our products, visit Sundial Systems on the web at www.sundialsystems.com.

Warpstock Inc

www.warpstock.org

Warpstock Inc, a not-for-profit organization, produces an annual conference which provides education, information and social opportunities to the entire OS/2 community. This year’s event will be held September 9-10 in Philadelphia. Stop by our booth to learn more about what’s planned, to find out how to get involved, or just to check out our cool polo shirts.

xPackage.com

www.xpackage.com

xPackage.Com sells everything you need to ship your product from Point A to Point B - on-line and without a warehouse. We sell supplies such as boxes, bags, tape, foam, peanuts, stretch wrap and labels, as well as custom packaging products. Using the power of the Internet, we have created a Virtual Warehouse that makes buying of packaging supplies easier than picking up the telephone. xPackage has created a virtual, private store room called MyStockroom™. Inside MyStockroom™ you can view your past orders, place re-orders and create new orders from items you have selected from our main catalog. You can also order your customized products from within MyStockroom™.

In addition to our extensive on-line supply catalog and MyStockroom, we have a Packaging KnowledgeBase full of information related to packaging, such as descriptions, explanations, test procedures, shipping requirements and environmental regulations. We also have an on-line design center called MyDesign. This design center is where you can design boxes, view your design on-line and then order a sample or die-line drawing. Once you approve your design, we can then price the item and place it in MyStockroom for you to order.

All this is accomplished through an extensive back-end process that ties product and logistics suppliers into an integrated system. We are currently building our systems using IBM hardware and software. The foundation hardware is IBM Netfinity Servers and the software, although extensively modified, is based upon IBM’s Net.Commerce suite.

Serenity Systems Intl

www.serenity-systems.com

Come and see the products that caused Peter Coffee of PC Week to say "I pushed on button and deployed a network in 29 seconds per node. It was worth my trip to Atlanta (Warpstock) to see this fulfillment of the vision of network computing delivered by Serenity Systems' technology based on IBM's OS/2." -PC Week, 10/25/99

Serenity Systems International is the leading developer of Network Centric Computing solutions. Our Managed Client products provide significant benefits over traditional PCs and Network Computer implementations. By leveraging the outstanding features of OS/2 and Warp Server, we have created the most reliable and available, and arguably the lowest cost business computing environment in the industry.

But Managed Clients are simply an elegant way to provide users with access to information and applications. By focusing on Internet driven technologies and applications, like Domino Application Server R5, Serenity Systems can provide a world class computing environment.

At WarpTech, with business partner Terra Interlink, we will feature a technology demo of the New Vision Accounting package. This network application is cross platform and will provide a world class financial package to OS/2 users, including exclusive features like a touch screen Time Clock, which supports badge readers.

The Time Clock module of this application addresses requirements for employee and project tracking and costing. The Time Clock also will have a direct interface with Payroll and HR modules. Other modules in development include General Ledger, A/R, A/P, Billing, and Inventory Control.

New Vision represents the industry trend towards cross platform, Internet enabled applications. These applications, and support for more traditional applications, allow Managed Clients to deliver a world class business desktop. WiseManager, WiseClient, and WiseServer provide the features necessary to build and manage network operations for anywhere.

This combination supports another industry trend, delivering business computing as a comprehensive fee service. And this model offers an opportunity to leverage OS/2 and OS/2 skill sets. But while OS/2 occupies Center Stage at Serenity Systems, the most recent WiseManager product release includes support for a Windows Managed Client product.

Please stop by and discuss how Managed Clients can provide opportunities for your business, and learn about the new client strategy.

Pillarsoft

www.pillarsoft.com

Developing quality solutions for the OS/2 family of operating systems. It is our stated goal to provide our users with the greatest in ease of use, productivity, and support. With considerable experience in design and rapid application development, PillarSoft specializes in transforming your company needs into a robust software solution. Contact us for more information on how we can help you become more productive.

Southern CA OS/2 User Group

www.scoug.com

The Southern California OS/2 User Group provides support and education to the OS/2 community. With monthly meetings, several special interest groups, and a monthly newsletter, we have plenty to offer the business or casual OS/2 user. Stop by our booth to learn more, and to sign up for the SCOUG Rodeo!

WTW Group

www.wtwgroup.com

WTW Group provides network and Internet solutions. We offer Web design, hosting, and Internet connectivity packages that will enhance your Web presence. Through WTW Group's services you can expand your markets, allow easy customer access, and automate your CRM, B2B, and Sales Automation operations.

WTW Group's in-house design and management team, along with its strategic alliances, provides a wide array of innovative and creative solutions. By providing flexible services and technologies we can create systems that work in unison with your short and long term goals, while providing the ability to change with the rapidly moving currents of today and tomorrow's world.

SohoMax, our on-line retail outlet, provides a source for your complete computer hardware and software needs. SohoMax brings you instant availability—everything from standard and custom computers to add-ons and replacements, such as graphic cards, sound cards, printers, and mice. All systems and drives are shipped OS free so nothing needs to be unconfigured; we quickly get you up and running the way you want. The store is categorized by Operating System, so searching for items that will work with your choice is easy. Operating Systems currently available include OS/2 (our personal fave!), Linux, and Windows.

Come visit our fully REXX enabled site for all your computing needs.

Fo' Paws Productions

www.fopaws.com

Fo' Paws is the official supplier of WarpTech t-shirts and other paraphernalia.

Phoenix OS/2 Society, Inc

www.possi.org

The Phoenix OS/2 Society, Inc (POSSI) is an international organization of computer users with an interest in IBM's OS/2 operating system and related issues. POSSI publishes the award-winning magazine, *extended attributes*. (POSSI is also the sponsor of WarpTech.)

Stop by POSSI's booth to join the Society or renew your membership.

Door Prize Donors

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